| Index of Claims | Application/Control No. | Applicant(s)/Patent under Reexamination | | | | | | |
|-----------------|-------------------------|---|--|--|--|--|--|--|
| | 10/036,922 | FECHER ET AL. | | | | | | |
| | Examiner | Art Unit | | | | | | |
| | Dmitry Levitan | 2616 | | | | | | |

| √ | Rejected | ı | (Through numeral) Cancelled | | V | Non-Elected | A | Appeal |
|---|----------|---|--------------------------------|--|---|--------------|---|----------|
| = | Allowed | + | Restricted | | | Interference | 0 | Objected |

| Cla | Claim Date | | | | | 7 | Claim Date | | | | | | | CI | aim | | Date | | | | | | | | | | | | | | |
|---|------------|--------------|----------|----------|----------|-----------|------------|----------|-----------------|----------|---------------|----------|-----------------|-----------|---------------|--|-------------|----------|--|----------|-------------|----------|---------------------|----------|----------------|-----------|----------|----------|----------|-------------------|----------|
| | ľ | W | | | | | | | | 7 | | | | | Т | \neg | $\neg \neg$ | | \Box | | | | | Ī | Т | Т | Ī | \neg | \neg | \neg | ヿ |
| <u>a</u> | Original | ٧.ا | | | | | | | - | | | Original | | 1 | 1 | ŀ | | 1 | | | <u></u> | Original | | | | | l | | | | |
| Final | ۱.ق | W) | | ١, | | | | | | | Final | į | | ı | - 1 | | | | 1 1 | 1 | Final | <u>:</u> | | | - | - 1 | | | | | - 1 |
| "- | ŏ | D. | | l | | | | ll | | | " | ō | | | - 1 | 1 | | | 1 1 | | ۱ ۳ | ŏ | | | - | | ł | | ı | - 1 | - 1 |
| | _ | יעי | — | | | _ | | \sqcup | - | 4 | | | \square | - | _ | | _ | _ | ⊢- | _ | | | \sqcup | _ | 4 | _ | _ | _ | _ | _ | |
| | X | L | | | | | | \sqcup | | 4 | L | 51 | \sqcup | _ | 4 | _ | | | \sqcup | _ | <u> </u> | 101 | | _ | _ | | | _ | _ | \dashv | _ |
| 2 | 2 | 7 | | | | Ш | | | ightharpoonup | ┙ | | 52 | | | \perp | \perp | 丄 | | | | | 102 | | | | | i | | [| |] |
| $oxed{oldsymbol{oldsymbol{L}}}$ | 3 | Ш | | | | | | | | | | 53 | | | | | | | | | | 103 | | | | - 1 | - 1 | | | | |
| 34 | 4 | | | | | | | | | 7 | | 54 | | | Т | | | | П | 7 | | 104 | П | П | П | \neg | ╗ | | \neg | | |
| 4 | 5 | П | | | | | | | Т | 7 | | 55 | П | | Т | | | | | ٦ | | 105 | | | | | ヿ | | \neg | \neg | \neg |
| 5 | 6 | П | | | | | | | | 1 | | 56 | П | \neg | \top | T | \top | 1 | | 7 | | 106 | \Box | \neg | ヿ | \neg | \neg | | T | \neg | \neg |
| 6 | 7 | П | | | | | | \Box | _ | 7 | | 57 | \Box | \neg | \dashv | T | 1 | +- | | ┪ | | 107 | | ヿ | \dashv | 十 | _ | \dashv | T | \dashv | \dashv |
| 5 | 8 | _ | | | | | | | _ | _ | | 58 | \vdash | _ | ┪ | 十 | + | 1- | \vdash | ┪ | — | 108 | \vdash | + | \dashv | \dashv | - | | \dashv | \dashv | \dashv |
| / | 9 | - | | - | Н | | | \vdash | + | ┥ | | 59 | 1 | - | - | \dashv | \dashv | +- | + | ┨ | | 109 | \vdash | \dashv | \dashv | -+ | | \dashv | \dashv | \dashv | \dashv |
| | 10 | | _ | Н | - | | | \vdash | -+ | - | - | 60 | \vdash | -+ | -+ | \dashv | +- | +- | + | ┨ | | | \vdash | \dashv | \dashv | \dashv | | | \dashv | \dashv | |
| \vdash | 10 | \vdash | | Н | Н | Н | \dashv | \vdash | \dashv | \dashv | | 61 | | \dashv | \dashv | + | + | +- | ┼─┼ | \dashv | - | 110 | \vdash | - | -+ | - | - | - | \dashv | -+ | \dashv |
| <u> </u> | | \vdash | \vdash | Н | Н | \dashv | Н | \vdash | - | \dashv | | 01 | ⊦⊦ | + | + | + | - | + | ╀ | 4 | - | 111 | \vdash | | | - | _ | - | _ | \dashv | \dashv |
| \vdash | 12 | <u> </u> | <u> </u> | Щ | \vdash | - | | \vdash | \dashv | \dashv | \vdash | 62 | $\vdash \vdash$ | _ | \perp | - | 4 | 4— | | 4 | <u> </u> | 112 | $\sqcup \downarrow$ | _ | _ | _ | _ļ | _ | _ | _ | _ |
| <u> </u> | 13 | <u> </u> | Щ | Ш | Ш | | Ш | \Box | | _ | | 63 | \sqcup | 4 | _ | \perp | \perp | _ | \vdash | 4 | | 113 | \sqcup | _ | _ļ | 4 | ļ | | _ | \dashv | |
| <u> </u> | 14 | <u> </u> | | Ш | | | | | | _ | <u> </u> | 64 | ┦ | | | \perp | \perp | \perp | | 4 | L | 114 | Ш | | | _ | | | | \perp | |
| $ldsymbol{le}}}}}}$ | 15 | L_ | Щ | Ш | | | Ш | | | _ | | 65 | Ш | | \perp | \perp | 丄 | | $\sqcup \!\!\! \perp$ | | | 115 | | \perp | | \Box | | | | | |
| | 16 | <u> </u> | | | | | | | \perp | ┙ | | 66 | Ш | | | | | | | ╛ | | 116 | | IJ | $ \mathbb{J} $ | \Box | J | \Box | \Box | $oldsymbol{\bot}$ | |
| | 17 | L | | | | | | | | | | 67 | \Box | | | | | | | ╛ | | 117 | | J | | | | | | \Box | |
| | 18 | | | | | | | | | | | 68 | | | | | | | | 1 | | 118 | | П | T | | | | П | | |
| | 19 | | | | | | | | 7 | 7 | | 69 | П | \neg | | | П | \top | | 7 | | 119 | | | | | | | | \exists | \neg |
| | 20 | | | | | | | | | ٦. | | 70 | П | | T | T | T | 1- | | 7 | | 120 | | \neg | ヿ | 一 | _ | | ヿ | ヿ | ヿ |
| | 21 | | | | | | | \Box | | | | 71 | | | \neg | | \top | 1 | | 7 | | 121 | | \dashv | 寸 | 寸 | _ | \neg | \neg | ヿ | ヿ |
| | 22 | | | | | | | | 1 | | | 72 | \vdash | \dashv | \dashv | \neg | _ | 1 | | 1 | | 122 | | \dashv | \dashv | 十 | \dashv | \dashv | 寸 | 十 | ᅥ |
| | 23 | | | | | | | | 一 | _ | | 73 | | \neg | 十 | | \top | 1 | | 7 | | 123 | \neg | \dashv | \dashv | \dashv | _ | 寸 | 寸 | \dashv | \dashv |
| | 24 | | | | | | _ | \neg | \neg | ٦. | | 74 | | \dashv | - | + | + | + | | ┨ | \vdash | 124 | | \dashv | - | \dashv | 一 | 寸 | | + | \dashv |
| | 25 | | | | | | | | \neg | _ | | 75 | 1-1 | 十 | 十 | \dashv | \top | + | - - | ┥ | \vdash | 125 | \dashv | _ | + | \dashv | \dashv | -+ | -+ | \dashv | \dashv |
| \vdash | 26 | | _ | \neg | | | \vdash | \dashv | \dashv | \dashv | | 76 | \vdash | | + | + | + | + | \vdash | ┨ . | - | 126 | \dashv | \dashv | + | -+ | \dashv | \dashv | \dashv | \dashv | \dashv |
| - | 27 | - | | - | | - | | \dashv | \dashv | \dashv | $\overline{}$ | 77 | \vdash | \dashv | + | | + | + | \vdash | ┨ | - | 127 | \dashv | -+ | + | \dashv | \dashv | - | \dashv | \dashv | \dashv |
| \vdash | 28 | - | Н | \dashv | \vdash | | | - | -+ | | \vdash | 78 | \vdash | -+ | + | | + | + | ++ | \dashv | | 128 | - | - | \dashv | \dashv | \dashv | | -+ | \dashv | \dashv |
| <u> </u> | 49 | \vdash | | \dashv | \vdash | \dashv | \vdash | | -+ | - | \vdash | 79 | \vdash | | + | + | + | +- | - | ┨ | | 120 | | \dashv | \dashv | \dashv | - | | \dashv | \dashv | |
| \vdash | 30 | | \vdash | | | \dashv | - | - | -+ | - | \vdash | | \vdash | - | + | + | + | + | | 4 | | 129 | - | + | - | - | | | \dashv | \dashv | |
| _ | | | | | | - | _ | _ | -+ | | \vdash | 80 | \vdash | - | - | | + | 4 | ╀ | 4 | | 130 | | -4 | 4 | 4 | _ | | \dashv | \dashv | _ |
| | 31 | _ | \vdash | | - | | | _ | | | \vdash | 81 | ┡ | \dashv | 4 | | - | | | 4 | | 131 | _ | \dashv | _ | \dashv | _ | _ | 4 | 4 | |
| <u> </u> | 32 | _ | Ш | | \dashv | \square | Щ | | | - | \vdash | 82 | $\vdash \vdash$ | _ | | | + | - | ↓ | 4 | <u> </u> | 132 | _ | | 4 | _ | _ | _ | 4 | _ | |
| <u> </u> | 33 | <u> </u> | Ш | _ | | | | Ц | | _ | | 83 | ₩ | \dashv | \bot | | \bot | | $\downarrow \downarrow \downarrow$ | 4 | | 133 | $\sqcup \downarrow$ | _ | | \perp | _ | | _ | \dashv | \Box |
| L | 34 | | Щ | \Box | | Щ | | Щ | | _ | ш | 84 | Ш | | \perp | | \perp | <u> </u> | | 4 | | 134 | \sqcup | \perp | | _ | [| | | \dashv | |
| <u> </u> | 35 | | Ш | Ш | | | | | | _ | | 85 | Ш | _ | _ | _ _ | 4 | 1 | $\sqcup \bot$ | _ | | 135 | | \perp | | \perp | | _ | | | |
| | 36 | | | | | | | | \bot | _ | \square | 86 | Ш | | \perp | \bot | \perp | | | _ | | 136 | | | | | | | | \Box | |
| \Box | 37 | | | |] | | | | | _ | | 87 | | | \perp | | | | $\Box \Box$ | | | 137 | | \Box | \Box | \Box | J | \Box | \Box | | |
| | 38 | | | | | |] | | | | | 88 | LΙ | $oxed{J}$ | $\bot \Gamma$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | ⅃ | | |] | | 138 | $\Box \top$ | T | T | | _7 | | _T | T | \Box |
| | 39 | | | | | | | | | | | 89 | | \top | T | T | T | | | 7 | | 139 | | \neg | \neg | \neg | \neg | 寸 | \dashv | \neg | コ |
| | 40 | | | | | | | T | | 7 | | 90 | | | \top | 7 | \top | Т | | 7 | | 140 | \sqcap | 寸 | 十 | \exists | T | 1 | | \top | \neg |
| | 41 | | | | | | | \neg | | 7 | | 91 | | | \top | 7 | 7 | 1 | | 7 | | 141 | \Box | 7 | \dashv | 寸 | 寸 | 一 | _ | \dashv | \dashv |
| | 42 | | | | | | | | $\neg \uparrow$ | ┑ | П | 92 | | \top | \dashv | + | 1 | 1- | TT | 1 | | 142 | \dashv | \dashv | _ | \dashv | 寸 | 一 | _ | \dashv | \dashv |
| | 43 | | | \neg | | | | \neg | $\neg \uparrow$ | 1 | \Box | 93 | | \dashv | \dashv | 十 | \top | 1 | | 1 | | 143 | \dashv | \dashv | \dashv | \dashv | - | \dashv | 7 | \dashv | \dashv |
| М | 44 | | П | \dashv | \neg | | \dashv | \dashv | \dashv | 1 | \vdash | 94 | | \dashv | \dashv | + | + | 1 | + | 1 | | 144 | \dashv | \dashv | + | -+ | ᅱ | - | + | \dashv | \dashv |
| $\vdash \vdash \vdash$ | 45 | | \vdash | \dashv | \vdash | - | \dashv | \dashv | \dashv | \dashv | \vdash | 95 | \vdash | \dashv | \dashv | + | +- | + | + | Η. | | 145 | \dashv | \dashv | \dashv | + | + | | \dashv | + | \dashv |
| $\vdash \vdash$ | 46 | | Н | \dashv | - | \vdash | \dashv | - | \dashv | \dashv | \vdash | 96 | \vdash | \dashv | + | + | \dashv | +- | ++ | - | \vdash | 146 | \dashv | + | \dashv | \dashv | | \dashv | \dashv | + | \dashv |
| $\vdash \vdash$ | 47 | _ | \vdash | \dashv | - | \dashv | \dashv | | - | \dashv | \vdash | 97 | ┝┼ | + | -+ | + | + | + | ++ | \dashv | \vdash | 147 | \dashv | ┵ | -+ | \dashv | \dashv | -+ | \dashv | + | \dashv |
| ⊦ | 48 | - | \vdash | \dashv | | | - | \dashv | - | \dashv | \vdash | 98 | $\vdash \vdash$ | + | + | + | + | + | \vdash | - | <u> </u> | | -+ | - | -+ | + | 4 | - | - | \dashv | \dashv |
| \vdash | 49 | | \vdash | | | \dashv | | | + | \dashv | \vdash | 99 | ┝╌┼ | + | + | + | + | ╄ | ┼-┼- | 4 | - | 148 | \dashv | \dashv | -+ | -+ | \dashv | | | \dashv | \dashv |
| \vdash | 50 | | \vdash | \dashv | \vdash | \dashv | | \dashv | + | \dashv | \vdash | 100 | $\vdash \vdash$ | + | 4 | - | +- | + | \vdash | 4 | <u> </u> | 149 | 4 | | \dashv | - | _ | _ | _ | \dashv | _ |
| لــــا | 50 | | | | | | | | | | ш | 100 | Ш | 丄 | _1 | _1_ | L_ | | $\perp \perp$ | ╛ | | 150 | | | \perp | _1 | _1 | | | | |